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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-RANK-L [WBP114_5.20] Standard Size Ab04162-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: WBP114_5.20

Alternative Name(s) of Target: CD254; TRANCE; RANKL; PAE30; ODF; OPGL; Tumor necrosis factor ligand superfamily member 11; Osteoclast differentiation factor; Osteoprotegerin ligand; Receptor activator of nuclear factor kappa-B ligand; TNF-related activation-induced cytokine

UniProt Accession Number of Target Protein: O14788

Published Application(s): inhibition, SPR, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing Balb/c mice with human RankL protein.

Specificity: The antibody is specific for human-RANK-L. The antibody cross reacts with murine RANKL. RANKL is a tumor necrosis factor related protein that binds to, and activates, the TNF receptor related protein Receptor Activator of NF-κB (RANK). RANKL acts as the key cytokine that regulates osteoclast differentiation and activation during normal bone remodeling and during disease

Application Notes: The specificity of the original format of the antibody to human and mouse RANKL was confirmed by ELISA analysis (EC50= 0.26 nM and 0.067 nM, respectively). The antibody could block the RANKL binding to RANK (IC50 = 2.23 nM). The original format of the antibody could inhibit the RANKL-inducible luciferase activity (IC50 = 3.31 nM). The binding affinity of the original format of the antibody to RANKL was measured by surface plasmon resonance (Kd= 0.7 nM) (WO2019080909).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In:

PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.